

721-1005



**IN THE UNITED STATES PATENT AND
TRADEMARK OFFICE**

2828
#3/A
1 Bell
12-19-02

In the application of : Andreas Wittmann et al.
Serial No. : 09/993,824
Filed : November 6, 2001
For : Anti-Reflection Coatings for Semiconductor Lasers
Examiner : Dung T. Nguyen
Art Unit : 2828

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to "Director of Patents and Trademarks, Washington, D.C. 20231," on December 11, 2002.
Name of person signing Jennifer J. Ramirez
Signature _____

RESPONSE TO OFFICE ACTION OF SEPTEMBER 11, 2002

Honorable Director of
Patents and Trademarks
Washington, D.C. 20231

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Dear Sir,

In response to the examiner's first office action regarding this application, it is requested that the application be amended as follows:

In the Claims

Cancel claims 1 through 14 without prejudice, and substitute new claims 15 through 30 as follows:

- sub B1 > 15. / A method of manufacturing a semiconductor laser arranged to emit at a given wavelength and having an emission facet with a coating layer of a predetermined reflectivity, the method comprising the steps of:
- forming, by a PE-CVD process, said coating layer as homogeneous layer of a predetermined thickness on said emission facet, and
 - controlling the process parameters of said PE-CVD process for achieving

sub B1 >
A1